

# Dielectric Chip Band Pass Filters For W-CDMA 2GHz

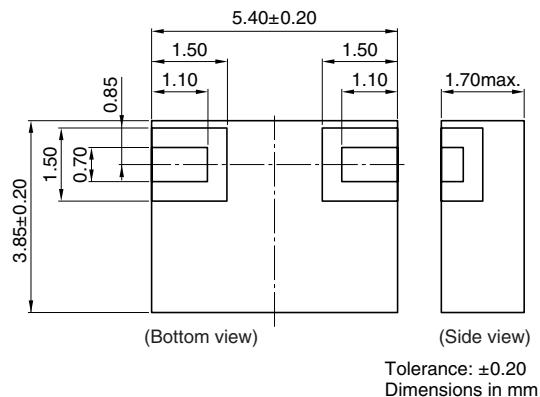
Conformity to RoHS Directive

CF Series CF61A7001

## FEATURES

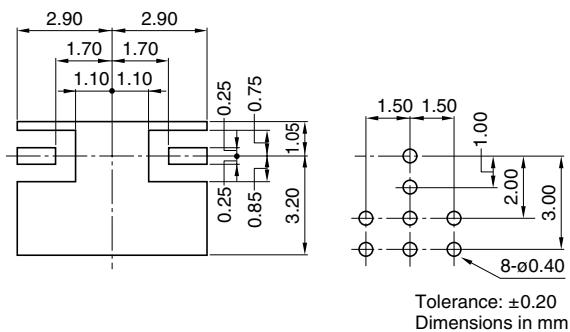
- Compact and high performance 3-pole filter.
- High reliability(Ceramic block filter).
- SMD type.

## SHAPES AND DIMENSIONS

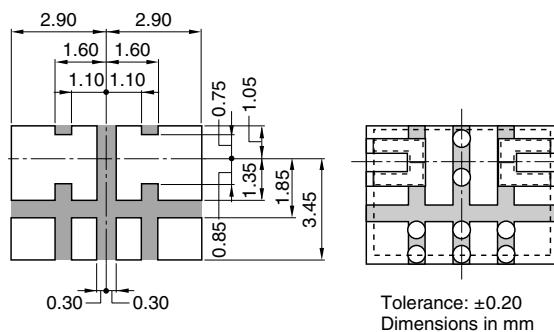


## RECOMMENDED PC BOARD PATTERNS

### LAND



### RESIST



- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

- All specifications are subject to change without notice.

## ELECTRICAL CHARACTERISTICS

Center frequency	2140MHz
Band width	60MHz
Insertion loss	[2110 to 2170MHz] 2.30dB max.
Ripple	[2110 to 2170MHz] 0.80dB max.
Return loss	[2110 to 2170MHz] 10dB min. [187 to 193MHz] 60dB min. [377 to 383MHz] 60dB min. [1730 to 1790MHz] 45dB min. [1920 to 1980MHz] 50dB min. [2015 to 2025MHz] 20dB min. [2025 to 2050MHz] 12dB min. [2050 to 2075MHz] 2dB min. [2230 to 2255MHz] 7dB min. [2300 to 2360MHz] 20dB min. [2400 to 2485MHz] 30dB min. [2490 to 2550MHz] 40dB min. [4030 to 4150MHz] 55dB min. [4600 to 4720MHz] 40dB min. [4720 to 6000MHz] 15dB min. [6000 to 6130MHz] 5dB min. [6130 to 12000MHz] 1dB min.
Attenuation	[880MHz] -44±10degrees [960MHz] -48±10degrees [1710MHz] -82±15degrees [1990MHz] -125±20degrees
Phase(S22)	
Impedance	50Ω
Operating temperature range	-40 to +85°C

## FREQUENCY CHARACTERISTICS

